

## HST/ACS Coronagraphic Imaging of Debris Disks

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The Hubble Space Telescope Advanced Camera for Surveys (ACS) Science Team is conducting a circumstellar disks survey that has recently imaged the debris disks around AU Microscopium and  $\beta$  Pictoris with the ACS coronagraph. AU Mic is the latest-type star (M0) known to have a debris disk, which was recently imaged from the ground. It is one of only two M stars with an IRAS excess and is a member of the  $\beta$  Pic moving group. The edge-on disk appears, at first glance, similar to that of  $\beta$  Pictoris, though it lacks as large asymmetries. Our observations indicate that the interior  $\sim 15$  AU of the disk is largely clear of dust, in agreement with predictions based on infrared measurements. Like  $\beta$  Pic, the disk has zonal power-law variations in its radial surface brightness profile. We have also obtained multicolor images of  $\beta$  Pictoris with the coronagraph. These provide the first reliable visible-light color information for the disk and also show the disk at higher latitudes than any previous HST observations.

